

**NOTICE OF DRAFTSPERSON'S  
PATENT DRAWING REVIEW**

The drawing(s) filed (insert date) 06/10/99 are:

- A.  approved by the Draftsperson under 37 CFR 1.84 or 1.152.  
 B.  objected to by the Draftsperson under 37 CFR 1.84 or 1.152 for the reasons indicated below. The Examiner will require submission of new, corrected drawings when necessary. Corrected drawing must be submitted according to the instructions on the back of this notice.

<p>1. DRAWINGS. 37 CFR 1.84(a): Acceptable categories of drawings:      Black ink. Color.      _____ Color drawings are not acceptable until petition is granted.      Fig(s) _____      _____ Pencil and non black ink not permitted. Fig(s) _____</p> <p>2. PHOTOGRAPHS. 37 CFR 1.84 (b)      _____ 1 full-tone set is required. Fig(s) _____      _____ Photographs not properly mounted (must use bristol board or photographic double-weight paper). Fig(s) _____      _____ Foot quality (half-tone). Fig(s) _____</p> <p>3. TYPE OF PAPER. 37 CFR 1.84(e)      _____ Paper not flexible, strong, white, and durable.      Fig(s) _____      _____ Erasures, alterations, overwritings, interlineations, folds, copy machine marks not accepted. Fig(s) _____      _____ Mylar, velum paper is not acceptable (too thin).      Fig(s) _____</p> <p>4. SIZE OF PAPER. 37 CFR 1.84(f): Acceptable sizes:      _____ 21.0 cm by 29.7 cm (DIN size A4)      _____ 21.6 cm by 27.9 cm (8 1/2 x 11 inches)      _____ All drawing sheets not the same size.      Sheet(s) _____      _____ Drawings sheets not an acceptable size. Fig(s) _____</p> <p>5. MARGINS. 37 CFR 1.84(g): Acceptable margins:      Top 2.5 cm Left 2.5cm Right 1.5 cm Bottom 1.0 cm      SIZE: A4 Size      Top 2.5 cm Left 2.5 cm Right 1.5 cm Bottom 1.0 cm      SIZE: 8 1/2 x 11      Margins not acceptable. Fig(s) _____      _____ Top (T) _____ Left (L)      _____ Right (R) _____ Bottom (B)</p> <p>6. VIEWS. 37 CFR 1.84(h)      REMINDER: Specification may require revision to correspond to drawing changes.      Partial views. 37 CFR 1.84(h)(2)      _____ Brackets needed to show figure as one entity.      Fig(s) _____      _____ Views not labeled separately or properly.      Fig(s) _____      _____ Enlarged view not labeled separately or properly.      Fig(s) _____</p> <p>7. SECTIONAL VIEWS. 37 CFR 1.84 (h)(3)      _____ Hatching not indicated for sectional portions of an object.      Fig(s) _____      _____ Sectional designation should be noted with Arabic or Roman numbers. Fig(s) _____</p>	<p>8. ARRANGEMENT OF VIEWS. 37 CFR 1.84(i)      _____ Words do not appear on a horizontal, left-to-right fashion when page is either upright or turned so that the top becomes the right side, except for graphs. Fig(s) _____</p> <p>9. SCALE. 37 CFR 1.84(k)      _____ Scale not large enough to show mechanism without crowding when drawing is reduced in size to two-thirds in reproduction.      Fig(s) _____</p> <p>10. CHARACTER OF LINES, NUMBERS, &amp; LETTERS.      37 CFR 1.84(i)  <input checked="" type="checkbox"/> Lines, numbers &amp; letters not uniformly thick and well defined, clean, durable, and black (poor line quality).      Fig(s) <u>1-7</u></p> <p>11. SHADING. 37 CFR 1.84(m)      _____ Solid black areas pale. Fig(s) _____      _____ Solid black shading not permitted. Fig(s) _____      _____ Shade lines pale, rough and blurred. Fig(s) _____</p> <p>12. NUMBERS, LETTERS, &amp; REFERENCE CHARACTERS.      37 CFR 1.84(p)      _____ Numbers and reference characters not plain and legible.      Fig(s) _____      _____ Figure legends are poor. Fig(s) _____      _____ Numbers and reference characters not oriented in the same direction as the view. 37 CFR 1.84(p)(1)      Fig(s) _____      _____ English alphabet not used. 37 CFR 1.84(p)(2)      Fig(s) _____      _____ Numbers, letters and reference characters must be at least .32 cm (1/8 inch) in height. 37 CFR 1.84(p)(3)      Fig(s) _____</p> <p>13. LEAD LINES. 37 CFR 1.84(q)      _____ Lead lines cross each other. Fig(s) _____      _____ Lead lines missing. Fig(s) _____</p> <p>14. NUMBERING OF SHEETS OF DRAWINGS. 37 CFR 1.84(i)      _____ Sheets not numbered consecutively, and in Arabic numerals beginning with number 1. Sheet(s) _____</p> <p>15. NUMBERING OF VIEWS. 37 CFR 1.84(u)      _____ Views not numbered consecutively, and in Arabic numerals, beginning with number 1. Fig(s) _____</p> <p>16. CORRECTIONS. 37 CFR 1.84(w)      _____ Corrections not made from prior PTO-948      _____ dated _____</p> <p>17. DESIGN DRAWINGS. 37 CFR 1.152      _____ Surface shading shown not appropriate. Fig(s) _____      _____ Solid black shading not used for color contrast.      Fig(s) _____</p>
<p>COMMENTS</p>	

REVIEWER LAM DATE 07/26/99 TELEPHONE NO. (703)308-0366

ATTACHMENT TO PAPER NO. \_\_\_\_\_

## **INFORMATION ON HOW TO EFFECT DRAWING CHANGES**

### **1. Correction of Informalities--37 CFR 1.85**

File new drawings with the changes incorporated therein. The application number or the title of the invention, inventor's name, docket number (if any), and the name and telephone number of a person to call if the Office is unable to match the drawings to the proper application, should be placed on the back of each sheet of drawings in accordance with 37 CFR 1.84(c). Applicant may delay filing of the new drawings until receipt of the Notice of Allowability (PTOL-37). Extensions of time may be obtained under the provisions of 37 CFR 1.136. The drawing should be filed as a separate paper with a transmittal letter addressed to the Drawing Processing Branch.

### **2. Timing for Corrections**

Applicant is required to submit **acceptable** corrected drawings within the three-month shortened statutory period set in the Notice of Allowability (PTOL-37). If a correction is determined to be unacceptable by the Office, applicant must arrange to have acceptable corrections resubmitted within the original three-month period to avoid the necessity of obtaining an extension of time and paying the extension fee. Therefore, applicant should file corrected drawings as soon as possible.

Failure to take corrective action within set (or extended) period will result in **ABANDONMENT** of the Application.

### **3. Corrections other than Informalities Noted by the Drawing Review Branch on the Form PTO-948**

All changes to the drawings, other than informalities noted by the Drawing Review Branch, **MUST** be approved by the examiner before the application will be allowed. No changes will be permitted to be made, other than correction of informalities, unless the examiner has approved the proposed changes.